

# SCORE Search Results Details for Application 10552515 and Search Result 20080630\_144103\_us-10-552-515-4.rai.

<a href="#">Score Home</a>	<a href="#">Retrieve Application</a>	<a href="#">SCORE System</a>	<a href="#">SCORE</a>	<a href="#">Comments /</a>
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This page gives you Search Results detail for the Application 10552515 and Search Result 20080630\_144103\_us-10-552-515-4.rai.

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OM protein - protein search, using sw model

Run on: June 30, 2008, 17:46:21 ; Search time 40 Seconds  
(without alignments)  
42.303 Million cell updates/sec

Title: US-10-552-515-4  
Perfect score: 42  
Sequence: 1 VLLEVVPDV 9

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 1143754 seqs, 186252778 residues

Total number of hits satisfying chosen parameters: 1143754

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Issued\_Patents\_AA:\*  
1: /ABSS/Data/CRF/ptodata/1/iaa/5\_COMB.pep:\*  
2: /ABSS/Data/CRF/ptodata/1/iaa/6\_COMB.pep:\*  
3: /ABSS/Data/CRF/ptodata/1/iaa/7\_COMB.pep:\*  
4: /ABSS/Data/CRF/ptodata/1/iaa/H\_COMB.pep:\*  
5: /ABSS/Data/CRF/ptodata/1/iaa/PCTUS\_COMB.pep:\*  
6: /ABSS/Data/CRF/ptodata/1/iaa/RE\_COMB.pep:\*  
7: /ABSS/Data/CRF/ptodata/1/iaa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

%  
Result Query

No.	Score	Match	Length	DB	ID	Description
1	37	88.1	195	3	US-10-703-032-118540	Sequence 118540,
2	36	85.7	258	2	US-08-737-226-6	Sequence 6, Appli
3	35	83.3	331	3	US-11-216-782-11932	Sequence 11932, A
4	34	81.0	218	2	US-09-902-540-11584	Sequence 11584, A
5	33	78.6	563	3	US-10-369-493-21972	Sequence 21972, A
6	33	78.6	1112	3	US-10-794-342-12	Sequence 12, Appl
7	32	76.2	188	2	US-09-107-532A-5312	Sequence 5312, Ap
8	32	76.2	219	3	US-10-703-032-130999	Sequence 130999,
9	32	76.2	323	3	US-09-992-430B-22	Sequence 22, Appl
10	32	76.2	341	2	US-09-543-681A-4713	Sequence 4713, Ap
11	32	76.2	344	2	US-09-415-277C-5	Sequence 5, Appli
12	32	76.2	344	3	US-10-826-081-25	Sequence 25, Appl
13	32	76.2	352	3	US-10-369-493-626	Sequence 626, App
14	32	76.2	463	2	US-09-710-279-960	Sequence 960, App
15	32	76.2	529	3	US-09-201-228B-275	Sequence 275, App
16	32	76.2	529	3	US-11-450-517-49	Sequence 49, Appl
17	32	76.2	704	3	US-10-369-493-21199	Sequence 21199, A
18	32	76.2	720	3	US-11-216-782-9939	Sequence 9939, Ap
19	32	76.2	10182	2	US-09-134-001C-3159	Sequence 3159, Ap
20	32	76.2	10203	3	US-09-450-969-4098	Sequence 4098, Ap
21	32	76.2	10203	3	US-10-724-972B-4098	Sequence 4098, Ap
22	31	73.8	43	3	US-10-703-032-171338	Sequence 171338,
23	31	73.8	84	2	US-09-513-999C-7215	Sequence 7215, Ap
24	31	73.8	84	3	US-10-793-479-7215	Sequence 7215, Ap
25	31	73.8	112	3	US-10-703-032-146726	Sequence 146726,
26	31	73.8	143	3	US-11-216-782-11050	Sequence 11050, A
27	31	73.8	150	3	US-10-703-032-188058	Sequence 188058,
28	31	73.8	154	3	US-10-703-032-123043	Sequence 123043,
29	31	73.8	199	2	US-09-107-532A-6681	Sequence 6681, Ap
30	31	73.8	237	3	US-10-810-352-82	Sequence 82, Appl
31	31	73.8	237	3	US-10-965-017-32	Sequence 32, Appl
32	31	73.8	237	3	US-11-452-138-41	Sequence 41, Appl
33	31	73.8	320	2	US-09-248-796A-18068	Sequence 18068, A
34	31	73.8	325	2	US-09-543-681A-4269	Sequence 4269, Ap
35	31	73.8	325	2	US-09-489-039A-8339	Sequence 8339, Ap
36	31	73.8	329	2	US-09-107-532A-3759	Sequence 3759, Ap
37	31	73.8	342	2	US-09-415-277C-8	Sequence 8, Appli
38	31	73.8	342	2	US-09-734-237B-46	Sequence 46, Appl
39	31	73.8	342	3	US-10-451-467A-352	Sequence 352, App
40	31	73.8	343	2	US-09-734-237B-48	Sequence 48, Appl
41	31	73.8	345	3	US-10-875-100-110	Sequence 110, App
42	31	73.8	355	3	US-09-252-691C-9776	Sequence 9776, Ap
43	31	73.8	392	1	US-08-423-441-2	Sequence 2, Appli
44	31	73.8	393	2	US-09-248-796A-20643	Sequence 20643, A
45	31	73.8	410	3	US-10-369-493-19854	Sequence 19854, A

## ALIGNMENTS

## RESULT 1

US-10-703-032-118540

; Sequence 118540, Application US/10703032

; Patent No. 7214786

; GENERAL INFORMATION:

```

; APPLICANT: Kovalic, David K.
; APPLICANT: Andersen, Scott E.
; APPLICANT: Byrum, Joseph R.
; APPLICANT: Conner, Timothy W.
; APPLICANT: Cao, Yongwei
; APPLICANT: Masucci, James D.
; APPLICANT: Zhou, Yihua
; TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With
; TITLE OF INVENTION: Plants
; FILE REFERENCE: 38-21(53374)B
; CURRENT APPLICATION NUMBER: US/10/703,032
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: 10/020,338
; PRIOR FILING DATE: 2001-12-12
; NUMBER OF SEQ ID NOS: 211164
; SEQ ID NO 118540
; LENGTH: 195
; TYPE: PRT
; ORGANISM: Triticum aestivum
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)..(195)
; OTHER INFORMATION: unsure at all Xaa locations
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_TA_12958.pep
US-10-703-032-118540

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Query Match          88.1%;  Score 37;  DB 3;  Length 195;
Best Local Similarity 66.7%;  Pred. No. 17;
Matches      6;  Conservative      3;  Mismatches      0;  Indels      0;  Gaps      0;

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Qy      1 VLLEVPDV 9
        :|||:|
Db      181 IVLEVIPDV 189

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## RESULT 2

US-08-737-226-6

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; Sequence 6, Application US/08737226
; Patent No. 6143525
; GENERAL INFORMATION:
; APPLICANT: NAUTA, Arjan
; APPLICANT: VENEMA, Gerard
; APPLICANT: KOK, Jan
; APPLICANT: LEDEBOER, Adrianus Marinus
; TITLE OF INVENTION: Complex Inducible Promoter System
; TITLE OF INVENTION: Derivable From A Phage Of A Lactic Acid Bacterium (LAB),
; TITLE OF INVENTION: And Its Use In A LAB For Production Of A Desired Protein
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pillsbury Madison & Sutro, L.L.P.
; STREET: 1100 New York Avenue, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005-3918
; COMPUTER READABLE FORM:

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; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: MS Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/737,226
; FILING DATE: 03-Apr-1997
; CLASSIFICATION: 435
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 258 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-737-226-6

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Query Match      85.7%; Score 36; DB 2; Length 258;
Best Local Similarity 77.8%; Pred. No. 37;
Matches      7; Conservative      1; Mismatches      1; Indels      0; Gaps      0;

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Qy      1 VLLEVVDPDV 9
      ||:| ||||
Db      189 VLIEAVDPDV 197

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# RESULT 3

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US-11-216-782-11932
; Sequence 11932, Application US/11216782
; Patent No. 7319142
; GENERAL INFORMATION:
; APPLICANT: Goldman, Barry S.
; APPLICANT: Krasomil-Osterfeld, Karina C.
; APPLICANT: Malvar, Thomas Michael.
; APPLICANT: Pitkin, John W
; APPLICANT: Slater, Steven C.
; APPLICANT: Wu, Wei
; APPLICANT: Zeng, Jiamin
; TITLE OF INVENTION: NUCLEOTIDE AND AMINO ACID SEQUENCES
; TITLE OF INVENTION: FROM XENORHABDUS AND USES THEREOF
; FILE REFERENCE: 38-21 (52053) B
; CURRENT APPLICATION NUMBER: US/11/216,782
; CURRENT FILING DATE: 2005-08-31
; PRIOR APPLICATION NUMBER: US 60/606,098
; PRIOR FILING DATE: 2004-08-31
; NUMBER OF SEQ ID NOS: 16918
; SEQ ID NO 11932
; LENGTH: 331
; TYPE: PRT
; ORGANISM: Xenorhabdus bovienii
; FEATURE:
; OTHER INFORMATION: Coding DNA sequence: Name=SeqID_5824
; FEATURE:
; OTHER INFORMATION: Gene classification: Gene name=DgoA; Function=O-succinylbenzoate
; OTHER INFORMATION: synthase and related enzymes; Function class=H Coenzyme metabolism
; FEATURE:
; OTHER INFORMATION: Homolog annotation: Query=1..323bp; Hit=1..317bp; Blast score=407;
; OTHER INFORMATION: Percent Identity=63.0; E value=1e-114; Homolog= ZmenC COG1441

```

US-11-216-782-11932

Query Match 83.3%; Score 35; DB 3; Length 331;  
 Best Local Similarity 77.8%; Pred. No. 78;  
 Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1 VLLEVVDPV 9  
 |||| |||:  
 Db 154 VLEAVPDL 162

#### RESULT 4

US-09-902-540-11584  
 ; Sequence 11584, Application US/09902540  
 ; Patent No. 6833447  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Goldman, Barry S.  
 ; APPLICANT: Hinkle, Gregory J.  
 ; APPLICANT: Slater, Steven C.  
 ; APPLICANT: Wiegand, Roger C.  
 ; TITLE OF INVENTION: Myxococcus xanthus Genome Sequences and Uses Thereof  
 ; FILE REFERENCE: 38-10(15849)B  
 ; CURRENT APPLICATION NUMBER: US/09/902,540  
 ; CURRENT FILING DATE: 2001-07-10  
 ; PRIOR APPLICATION NUMBER: 60/217,883  
 ; PRIOR FILING DATE: 2000-07-10  
 ; NUMBER OF SEQ ID NOS: 16825  
 ; SEQ ID NO 11584  
 ; LENGTH: 218  
 ; TYPE: PRT  
 ; ORGANISM: Myxococcus xanthus  
 US-09-902-540-11584

Query Match 81.0%; Score 34; DB 2; Length 218;  
 Best Local Similarity 77.8%; Pred. No. 78;  
 Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1 VLLEVVDPV 9  
 || ||:|||  
 Db 117 VLAEVLPDV 125

#### RESULT 5

US-10-369-493-21972  
 ; Sequence 21972, Application US/10369493  
 ; Patent No. 7314974  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Cao, Yongwei  
 ; APPLICANT: Hinkle, Gregory J.  
 ; APPLICANT: Slater, Steven C.  
 ; APPLICANT: Goldman, Barry S.  
 ; APPLICANT: Chen, Xianfeng  
 ; TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF  
 ; TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES  
 ; FILE REFERENCE: 38-10(52052)B  
 ; CURRENT APPLICATION NUMBER: US/10/369,493  
 ; CURRENT FILING DATE: 2003-02-28

; PRIOR APPLICATION NUMBER: US 60/360,039  
; PRIOR FILING DATE: 2002-02-21  
; NUMBER OF SEQ ID NOS: 47374  
; SEQ ID NO 21972  
; LENGTH: 563  
; TYPE: PRT  
; ORGANISM: *Saccharomyces cerevisiae*  
US-10-369-493-21972

Query Match 78.6%; Score 33; DB 3; Length 563;  
Best Local Similarity 75.0%; Pred. No. 3.6e+02;  
Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 2 LLEVVPDV 9  
||:|:|  
Db 333 LLKVIPDV 340

## RESULT 6

US-10-794-342-12  
; Sequence 12, Application US/10794342  
; Patent No. 7041491  
; GENERAL INFORMATION:  
; APPLICANT: Inohara, Naohiro  
; APPLICANT: Nunez, Gabriel  
; TITLE OF INVENTION: NOD Nucleic Acids and Polypeptides  
; FILE REFERENCE: UM-08922  
; CURRENT APPLICATION NUMBER: US/10/794,342  
; CURRENT FILING DATE: 2004-03-05  
; NUMBER OF SEQ ID NOS: 22  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 12  
; LENGTH: 1112  
; TYPE: PRT  
; ORGANISM: *Homo sapiens*  
US-10-794-342-12

Query Match 78.6%; Score 33; DB 3; Length 1112;  
Best Local Similarity 85.7%; Pred. No. 7.6e+02;  
Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2 LLEVVPD 8  
||||:|  
Db 40 LLEVIPD 46

## RESULT 7

US-09-107-532A-5312  
; Sequence 5312, Application US/09107532A  
; Patent No. 6583275  
; GENERAL INFORMATION:  
; APPLICANT: Lynn A Doucette-Stamm and David Bush  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO  
; ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS  
; NUMBER OF SEQUENCES: 7310  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: GENOME THERAPEUTICS CORPORATION

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;          STREET: 100 Beaver Street
;          CITY: Waltham
;          STATE: Massachusetts
;          COUNTRY: USA
;          ZIP: 02354
;
;  COMPUTER READABLE FORM:
;          MEDIUM TYPE: CD-ROM ISO9660
;          COMPUTER: PC
;          OPERATING SYSTEM: <Unknown>
;          SOFTWARE: ASCII
;
;  CURRENT APPLICATION DATA:
;          APPLICATION NUMBER: US/09/107,532A
;          FILING DATE: 30-Jun-1998
;
;  PRIOR APPLICATION DATA:
;          APPLICATION NUMBER: 60/085,598
;          FILING DATE: 14 May 1998
;          APPLICATION NUMBER: 60/051571
;          FILING DATE: July 2, 1997
;
;  ATTORNEY/AGENT INFORMATION:
;          NAME: Ariniello, Pamela Deneke
;          REGISTRATION NUMBER: 40,489
;          REFERENCE/DOCKET NUMBER: GTC-012
;
;  TELECOMMUNICATION INFORMATION:
;          TELEPHONE: (781)893-5007
;          TELEFAX: (781)893-8277
;
;  INFORMATION FOR SEQ ID NO: 5312:
;          SEQUENCE CHARACTERISTICS:
;              LENGTH: 188 amino acids
;              TYPE: amino acid
;              TOPOLOGY: linear
;
;          MOLECULE TYPE: protein
;          HYPOTHETICAL: YES
;          ORIGINAL SOURCE:
;              ORGANISM: Enterococcus faecium
;
;          FEATURE:
;              NAME/KEY: misc_feature
;              LOCATION: (B) LOCATION 1...188
;
;          SEQUENCE DESCRIPTION: SEQ ID NO: 5312:
US-09-107-532A-5312

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Query Match          76.2%; Score 32; DB 2; Length 188;
Best Local Similarity 66.7%; Pred. No. 1.7e+02;
Matches      6; Conservative      2; Mismatches      1; Indels      0; Gaps      0;

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Qy      1 VLLEVVDPDV 9
      |::| |::|
Db      44 VILEGVDPDI 52

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RESULT 8
US-10-703-032-130999
; Sequence 130999, Application US/10703032
; Patent No. 7214786
; GENERAL INFORMATION:
; APPLICANT: Kovalic, David K.
; APPLICANT: Andersen, Scott E.
; APPLICANT: Byrum, Joseph R.

```

```
; APPLICANT: Conner, Timothy W.
; APPLICANT: Cao, Yongwei
; APPLICANT: Masucci, James D.
; APPLICANT: Zhou, Yihua
; TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With
; TITLE OF INVENTION: Plants
; FILE REFERENCE: 38-21(53374)B
; CURRENT APPLICATION NUMBER: US/10/703,032
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: 10/020,338
; PRIOR FILING DATE: 2001-12-12
; NUMBER OF SEQ ID NOS: 211164
; SEQ ID NO 130999
; LENGTH: 219
; TYPE: PRT
; ORGANISM: Triticum aestivum
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)..(219)
; OTHER INFORMATION: unsure at all Xaa locations
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_TA_25417.pep
US-10-703-032-130999
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Query Match          76.2%; Score 32; DB 3; Length 219;
Best Local Similarity 66.7%; Pred. No. 2e+02;
Matches      6; Conservative      2; Mismatches      1; Indels      0; Gaps      0;
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QY      1 VLLEVPDPV 9
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Db      116 VVISVPDPV 124
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# RESULT 9

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US-09-992-430B-22
; Sequence 22, Application US/09992430B
; Patent No. 7109010
; GENERAL INFORMATION:
; APPLICANT: Rajgarhia, Vineet
; TITLE OF INVENTION: Methods and materials for synthesis of organic products
; FILE REFERENCE: 00-1237-A
; CURRENT APPLICATION NUMBER: US/09/992,430B
; CURRENT FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: 60/252,541
; PRIOR FILING DATE: 2000-11-22
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 22
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Kluyveromyces thermotolerans
US-09-992-430B-22
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Query Match          76.2%; Score 32; DB 3; Length 323;
Best Local Similarity 44.4%; Pred. No. 3.1e+02;
Matches      4; Conservative      5; Mismatches      0; Indels      0; Gaps      0;
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Qy 1 VLEVVVPDV 9  
::||::|:|  
Db 109 IMLEIIPNV 117

## RESULT 10

US-09-543-681A-4713  
; Sequence 4713, Application US/09543681A  
; Patent No. 6605709  
; GENERAL INFORMATION:  
; APPLICANT: GARY BRETON  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABILIS  
FOR  
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS  
; FILE REFERENCE: 2709.1002-001  
; CURRENT APPLICATION NUMBER: US/09/543,681A  
; CURRENT FILING DATE: 2000-04-05  
; PRIOR APPLICATION NUMBER: US 60/128,706  
; PRIOR FILING DATE: 1999-04-09  
; NUMBER OF SEQ ID NOS: 8344  
; SEQ ID NO 4713  
; LENGTH: 341  
; TYPE: PRT  
; ORGANISM: *Proteus mirabilis*  
US-09-543-681A-4713

Query Match 76.2%; Score 32; DB 2; Length 341;  
Best Local Similarity 75.0%; Pred. No. 3.2e+02;  
Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 2 LLEVVVPDV 9  
|||::|||  
Db 181 LLELLPDV 188

## RESULT 11

US-09-415-277C-5  
; Sequence 5, Application US/09415277C  
; Patent No. 6531308  
; GENERAL INFORMATION:  
; APPLICANT: Hershberger, Charles  
; APPLICANT: Payson, Robert  
; TITLE OF INVENTION: Ketoreductase Gene and Protein from Yeast  
; FILE REFERENCE: X-11325A  
; CURRENT APPLICATION NUMBER: US/09/415,277C  
; CURRENT FILING DATE: 1999-10-08  
; PRIOR APPLICATION NUMBER: US 09/182,985  
; PRIOR FILING DATE: 1998-10-30  
; NUMBER OF SEQ ID NOS: 17  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 5  
; LENGTH: 344  
; TYPE: PRT  
; ORGANISM: *s. cerevisiae*  
US-09-415-277C-5

Query Match 76.2%; Score 32; DB 2; Length 344;

Best Local Similarity 71.4%; Pred. No. 3.3e+02;  
 Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 3 LEVVPDV 9  
 ||:||||  
 Db 54 LEIVPDI 60

## RESULT 12

US-10-826-081-25

; Sequence 25, Application US/10826081  
 ; Patent No. 7083962  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Kimoto, No. 7083962ihiro  
 ; APPLICANT: Yamamoto, Hiroaki  
 ; APPLICANT: Nakajima, Takanori  
 ; TITLE OF INVENTION: Carbonyl reductases, polynucleotides comprising  
 ; TITLE OF INVENTION: DNA encoding the same, methods for producing the same,  
 ; TITLE OF INVENTION: and methods for producing optically active alcohol  
 ; TITLE OF INVENTION: utilizing the same  
 ; FILE REFERENCE: SHZ-021  
 ; CURRENT APPLICATION NUMBER: US/10/826,081  
 ; CURRENT FILING DATE: 2004-04-15  
 ; PRIOR APPLICATION NUMBER: JP 2003-163015  
 ; PRIOR FILING DATE: 2003-06-06  
 ; PRIOR APPLICATION NUMBER: JP 2003-113402  
 ; PRIOR FILING DATE: 2003-04-17  
 ; NUMBER OF SEQ ID NOS: 25  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 25  
 ; LENGTH: 344  
 ; TYPE: PRT  
 ; ORGANISM: *Saccharomyces cerevisiae*  
 US-10-826-081-25

Query Match 76.2%; Score 32; DB 3; Length 344;  
 Best Local Similarity 71.4%; Pred. No. 3.3e+02;  
 Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 3 LEVVPDV 9  
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 Db 54 LEIVPDI 60

## RESULT 13

US-10-369-493-626

; Sequence 626, Application US/10369493  
 ; Patent No. 7314974  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Cao, Yongwei  
 ; APPLICANT: Hinkle, Gregory J.  
 ; APPLICANT: Slater, Steven C.  
 ; APPLICANT: Goldman, Barry S.  
 ; APPLICANT: Chen, Xianfeng  
 ; TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF  
 ; TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES  
 ; FILE REFERENCE: 38-10(52052)B

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; CURRENT APPLICATION NUMBER: US/10/369,493
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US 60/360,039
; PRIOR FILING DATE: 2002-02-21
; NUMBER OF SEQ ID NOS: 47374
; SEQ ID NO 626
; LENGTH: 352
; TYPE: PRT
; ORGANISM: Deinococcus radiodurans
US-10-369-493-626
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Query Match          76.2%; Score 32; DB 3; Length 352;
Best Local Similarity 77.8%; Pred. No. 3.4e+02;
Matches      7; Conservative    0; Mismatches    2; Indels      0; Gaps      0;
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Qy      1 VLLEVVDPV 9
        || || |||
Db      23 VLREVAPDV 31
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#### RESULT 14

```
US-09-710-279-960
; Sequence 960, Application US/09710279
; Patent No. 6703492
; GENERAL INFORMATION:
; APPLICANT: KIMMERLY, WILLIAM JOHN
; TITLE OF INVENTION: STAPHYLOCOCCUS EPIDERMIDIS NUCLEIC ACIDS AND PROTEINS
; FILE REFERENCE: PU3480US
; CURRENT APPLICATION NUMBER: US/09/710,279
; CURRENT FILING DATE: 2000-11-09
; PRIOR APPLICATION NUMBER: 60/164,258
; PRIOR FILING DATE: 1999-11-09
; NUMBER OF SEQ ID NOS: 4472
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 960
; LENGTH: 463
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: amino acid sequence
; FEATURE:
; NAME/KEY: MOD_RES
; LOCATION: (463)
; OTHER INFORMATION: variable amino acid
US-09-710-279-960
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Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches      7; Conservative    0; Mismatches    0; Indels      0; Gaps      0;
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Qy      1 VLLEVVP 7
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Db      394 VLLEVVP 400
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#### RESULT 15

US-09-201-228B-275

; Sequence 275, Application US/09201228B

; Patent No. 7041490

; GENERAL INFORMATION:

; APPLICANT: Griffais, Remy

; APPLICANT: Hoiseth, Susan K.

; APPLICANT: Zagursky, Robert John

; APPLICANT: Metcalf, Benjamin J.

; APPLICANT: Peek, Joel A.

; APPLICANT: Sankaran, Banumathi

; APPLICANT: Fletcher, Leah Diane

; TITLE OF INVENTION: CHLAMYDIA TRACHOMATIS POLYNUCLEOTIDES AND VECTORS, RECOMBINANT HOST CELLS,

; TITLE OF INVENTION: DNA CHIPS OR KITS CONTAINING THE SAME

; FILE REFERENCE: GEN-T109X

; CURRENT APPLICATION NUMBER: US/09/201,228B

; CURRENT FILING DATE: 1998-11-30

; PRIOR APPLICATION NUMBER: US 60/107,077

; PRIOR FILING DATE: 1998-11-04

; PRIOR APPLICATION NUMBER: FR 97-16034

; PRIOR FILING DATE: 1997-12-17

; PRIOR APPLICATION NUMBER: FR 97-15041

; PRIOR FILING DATE: 1997-11-28

; NUMBER OF SEQ ID NOS: 5982

; SOFTWARE: FastSEQ for Windows Version 4.0

; SEQ ID NO 275

; LENGTH: 529

; TYPE: PRT

; ORGANISM: Chlamydia trachomatis

US-09-201-228B-275

Query Match 76.2%; Score 32; DB 3; Length 529;

Best Local Similarity 55.6%; Pred. No. 5.3e+02;

Matches 5; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1 VLLEVVDPDV 9

| |::|||:

Db 238 VCLQIVPDI 246

Search completed: June 30, 2008, 17:51:38

Job time : 39.625 secs

SCORE 3.0